

[1961]

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What Brings Them In?



DOESN'T THIS SKETCH BRING BACK PLEASANT MEMORIES? An early morning on a marshy lake, dark shadows of flying ducks swooping over,—dropping in to feed in a nearby Wild Rice-fringed slough—your own thrill as you crouch in the reeds and watch!

RECEIVED

★ FEB 16 1961

U.S. Department of Agriculture

WHAT BRINGS THEM IN?

The answer is **FOOD!** Wild ducks **MUST EAT**, and during their migratory flights they stop to rest and feed along the way,—you or I would do the same on a long trip, wouldn't we? When ducks stop on the waters and marshes, they seek for food—the large plump kernels of Giant Wild Rice, tender luscious roots, shoots, tubers of Sago Pond Plant, Wild Celery, Duck Potatoes—just a few of the many important natural duck food plants that produce a bountiful harvest of seeds, roots, tubers, or tender crisp foliage, which wild ducks love.

The shortage of ducks, which, according to all reports, we face this year, usually brings forth the first remedies resorted to in such a crisis—smaller bag limits, and shorter hunting seasons. These measures, while they retard the rate of decrease, **do not INCREASE THE DUCK POPULATION.** Among our country's sportsmen, there is a **big demand** for wild ducks—for the exciting sport that duck hunting affords. Why not then, put forth every effort to produce **MORE DUCKS**—increase the supply to meet the demand? More nesting, breeding and feeding grounds will result in an **increased natural crop of waterfowl.** If every sportsman, hunting club, and private preserve owner would plant the waters and marshes on his property, or those nearby to which he has access, there would be a tremendous increase in natural nesting, breeding and feeding grounds for wild ducks, and a tremendous increase in the duck crop.

Fortunately, where such foods are not now growing, they can be planted very easily, and these hardy foods will grow year after year when once established, making permanent, **LEGAL**, natural feeding grounds. We supply both Northern and Southern grown plants; duck foods for fresh, hard and soft waters, salt, brackish, and alkaline waters; a complete line, something for all conditions.

NOW is an ideal time to plan and plant your feeding grounds for wild ducks. We have helped many sportsmen, hunting clubs and game commissions throughout the U.S. and Canada, make their places favorite stopping and feeding grounds for wild ducks. Areas that a few years ago were worthless waste places, now planted with our natural wild duck foods, are now attracting thousands of ducks, that swarm

in to feed on the ripened grains and seeds, tender roots, tubers and shoots, as well as the crisp foliage of these natural food plants—foods successfully used for over 50 years.

On the following pages we list the favorite natural foods of wild ducks, wild geese, food and shelter for fish, and other wild life. Let us know what you want, using handy order blank enclosed, and we'll send materials and planting directions promptly.

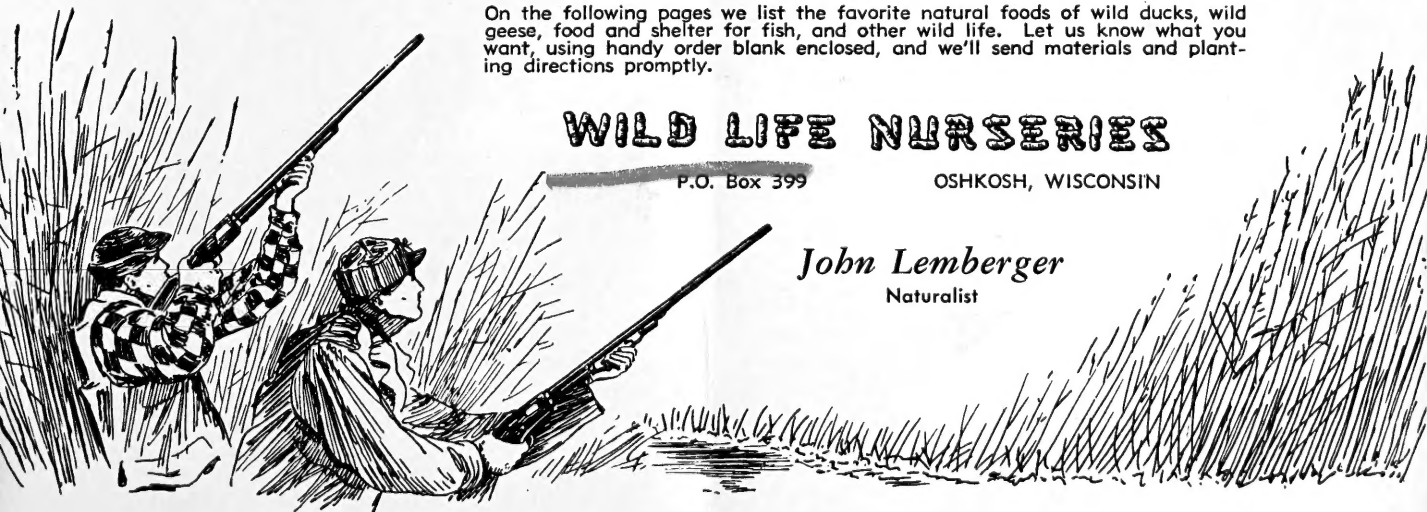
WILD LIFE NURSERIES

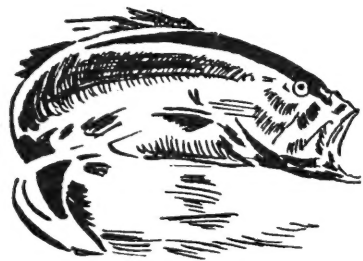
P.O. Box 399

OSHKOSH, WISCONSIN

John Lemberger

Naturalist





FOODS BEST SUITED TO YOUR LOCALITY AND CONDITIONS . . . PLANT NOW . . . PLANT THIS COMING SPRING!

PLANT LEGAL
NATURAL FOODS TO

Attract and Hold Wild Ducks!

WILD LIFE NURSERIES

P. O. BOX 399

OSHKOSH, WISCONSIN



FOR MOIST SHORES AND MARSHES
to 1 FOOT OF WATER

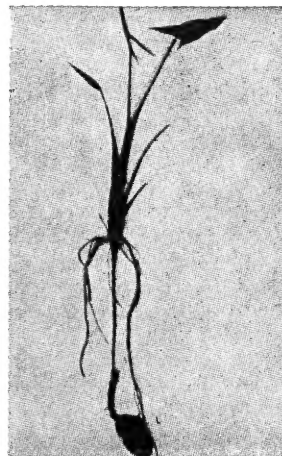
GIANT BUR REED
(*Sagittaria eurycarpum*)

Excellent food and cover for Mallards, Black Ducks, Pintails, Teal, Bluebills, Wood Ducks. Grows throughout U. S. in marshy, muddy locations—to 1 ft. water. Holds banks, dams. Stands drought. SEED—10 lbs. (plants 1 acre) \$8.50; 2 lbs., \$3. ROOTS, plant 1000 per acre—1000, \$25; 300, \$9; 100, \$3.50.

WAPATO DUCK POTATO

(*Sagittaria latifolia*)

Wild ducks of all kinds, and Canada Geese feed eagerly on the seeds and tender tubers or "potatoes" this plant produces in abundance. Makes food over long season, until the freezeup. Wapato grows in marshy places, to 1 ft. water (sometimes deeper), throughout U. S. and Canada. Plant 1000 tubers per acre. TUBERS, 1000, \$20; 300, \$7.50; 100, \$3.



THREE-SQUARE BULRUSH

(*Scripus americanus*)

Produces an abundance of seeds important as food for many wild ducks and geese. Grows in sandy soils along lake shores, streams or marshes. Prefers less than 2 ft. water — fresh, brackish, moderately alkaline. ROOTS, 1000 plants 1 acre. 1000, \$30; 100, \$5.

SWEET FLAG

(*Acorus calamus*)

This another excellent cover plant that is one of the finest natural food plants for Muskrats. It is also important cover for waterfowl, providing nesting sites. It grows in low, marshy, muddy areas much the same as Bur Reed. ROOTS plant 1000 per acre, 1000, \$25; 300, \$9; 100, \$3.50.

NODDING SMARTWEED

Grows in moist rich soil, on exposed flats, and in shallow fresh or slightly alkaline marshes. SEED—40 lbs. (sows 1 acre) 10 lbs. \$12. PLANTS 1500 per acre, 1000 \$28.00; 100, \$5.00.

MARSH SMARTWEED (*P. Muhlenbergii*)

For planting on marshy soil, shores, shallow fresh or mildly alkaline water. Withstands Flooding and drought well. ROOTS, plant 1500 per acre. 1000, \$25; 300, \$9; 100, \$3.50.

SWAMP SMARTWEED (*P. hydropiperoides*)

Grows on moist margins, marshes and in shallow fresh or moderately acid (soft) water, preferable not over 6 or 8 inches deep. Withstands shade. Plant 1500 roots or plants per acre. 1000, \$25; 300, \$9; 100, \$4.

SALT MARSH BULRUSH

For salt marshes, low areas where water is brackish—stands salt water tides. SEEDS, sow 10 lbs. per acre. 2 lbs., \$3; 10 lbs., \$6. ROOTS, (plant 1200 per acre) 1000, \$35; 300, \$12; 100, \$5.

WAMPEE (DUCK CORN)

(*Peltandra virginica*)

Excellent duck food — especially attractive to Wood Ducks and other marsh ducks. Grows in swampy lands and to 1 ft. soft (acid) or slightly brackish water throughout E. U. S., E. Missouri, Okla., La., E. Texas. Will grow in soft or acid water. Withstands shade. PURE SEED, plant 10 lbs. per acre. 10 lbs., \$8; \$1.00 per lb.

PLANTS, set 1½ to 2 ft. apart. 1000, \$38; 300, \$12; 100, \$5.

WILD REED (Canes) (*Phragmites*)

Excellent blinds, cover for wild ducks. Grows 4 to 7 ft. high, on lowlands, and to 2 ft. water. Plant 1200 roots per acre. 1000, \$28; 300, \$10; 100, \$5.

REED CANARY GRASS (*Phalaris*)

Sow on banks, shores, moist lands, or well-drained land, or in few inches water. Grows in up to 2 ft. water. Perennial. Excellent food for Muskrats; cover for wild ducks. Excellent food and shelter for fish. Soil-binder—retards erosion and washing of shores, banks, dams. SEED, 6 lbs. sows 1 acre. 6 lbs., \$6; 100 lbs., \$70.

SALICORNIA

(*Salicornia europaea*)

Produces an abundance of seeds which all species of wild ducks eat. Favorite for Mallards, Black-ducks and Sprig. Thrives on strongly saline or alkaline flats, low ground, marshy places, without much water. Plant 4 bu. per acre. Bu., \$10; 4 bu., \$32.

SPARTINA (Cord Grass)

Fine cover and blinds, also providing some food for ducks. Plant 1500 roots per acre, in marshy meadows, salt marshes, along dikes, bank. Good cover for Pheasants. ROOTS, 1000, \$30; 300, \$11; 100, \$5.

FALSE BITTERSWEET

(*Solanum dulcamara*)

Excellent food for wild ducks, pheasant, woodcock, snipe. Grows on moist or dry soil, stream banks, swales, bogs, watersides. Ornamental—attractive purple flowers, red berries. ROOTS, 100, \$15; 25, \$5; 10, \$3.

WATER CRESS

(*Sisymbrium nasturtium-aquaticum*)

Mighty tasty to man and bird. Also an excellent plant for trout streams. Plant the young plants in Spring or Fall or spring fed streams containing lime. Soft mud and sand bottom preferred and water 2 inches to 10 inches. The leaves of these plants may be used in sandwiches or salads on the table and Water Cress will attract and hold the ducks. \$6 per bu.; 5 bu (plants 1 acre) \$25.

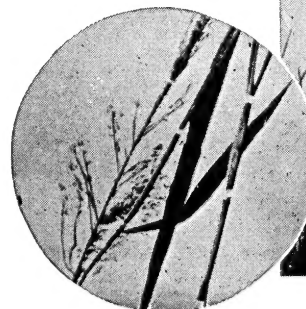
Giant Wild Rice Brings in the Ducks!

One of the most famous and best known of the natural foods for wild ducks is the Wild Rice.

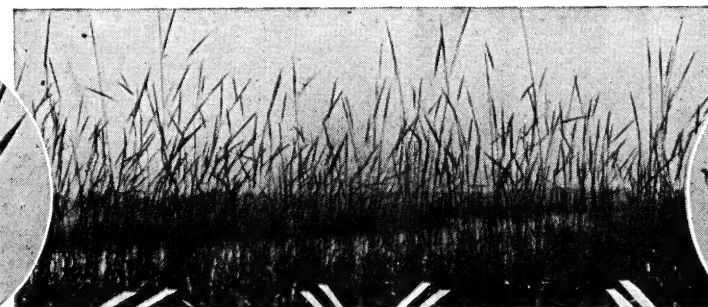
Mallards, Pintails, Black Ducks, Teal, Canada Geese and other waterfowl fly hundreds of miles to beds of Wild Rice, where they feast eagerly on the ripened grain. Excellent cover.

Giant Wild Rice grows in a few inches to 2½ ft. fresh water, with sufficient change to prevent stagnancy, on mud or muck bottom.

Large, fully-ripened seed of high germination. \$28 per bushel (sows ½ acre); \$9 per peck.; 2 quarts, \$3.50. Young plants, (plant 1500 per acre), 1000, \$18; 300, \$6; 100, \$3.



GIANT WILD RICE
Flower, Leaf and Seed Head



Grown From "Wildlife" Giant Wild Rice Seed



Sprouted Seeds
Showing High Germination

PLANT IN 1 to 3 FEET OF WATER

GIANT WILD RICE—(See bottom page 2)

PICKEREL PLANT (*Pontederia cordata*)

Attractive plant with spikes of purple flowers. Wild ducks feed on seeds. Plant in 1 to 3 ft. fresh hard or soft water, quiet bays, ponds, streams, marshes, preferably on soft bottom. Use 750 roots per acre. ROOTS, 100, \$12.50; 25, \$4.

DEEP WATER DUCK POTATO (*Sagittaria rigida*)

The tubers this plant produces are numerous and are a favorite food of Bluebills and other diving ducks. Shoal-water ducks will also feed on the tubers, if the waters are low in Fall, so they can reach the bottom. The small tubers resemble acorns and make one of the finest duck-coaxers available. Seeds of this plant are also eaten.

Plant in 1 to 3 ft. of fresh water, on soft mud or hard bottom of slow-flowing streams, ponds, lakes or marshes. Changing water levels will not hinder the growth of this plant. Plant 1000 tubers per acre. TUBERS, 1000, \$30; 100, \$4.*



TUBEROUS WHITE WATER LILY

Bluebills, Teal and 17 other species wild ducks feed on the seeds produced. Plant 750 tubers per acre, in 1 to 3 ft. water, preferably soft mud bottom. TUBERS, 100, \$7; 300, \$18; 750, \$36.*

GREAT BULRUSH (*Scirpus acutus*)

Seeds are excellent food for ducks. Stands wave action; protects dams, banks, eroding shores; checks silt movement. Grows 5 to 7 ft. high; making excellent blinds; cover for waterfowl. Plant 1000 roots per acre in 6 inches to 4 ft. water. ROOTS, 1000, \$28; 300, \$11; 100, \$4.

DUCK MEATS

Quick-growing — reproduce rapidly and withstand a lot of feeding by a lot of ducks. Make food soon as sown in water—grow year after year. Do not root in soil, but float in water over any kind of bottom. Scatter among reeds, rushes, or flooded brush.

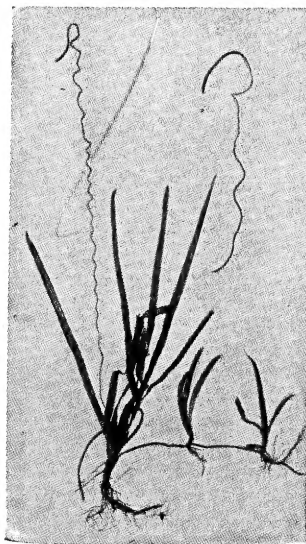
Submerged (Star) Duck Meat. Scatter 12 bu. per A., in fresh hard, or moderately soft (acid) waters. Bu., \$6; 12 bu., \$48; 25 bu., \$75.

Big Ducks Meat—Excellent to sow throughout U.S. and Canada. Floats on top water. Bu., \$6; 6 bu. (sows 1 acre), \$24.

PLANT IN 1½ to 6 or 8 FEET OF WATER

WILD CELERY (*Vallisneria spiralis*)

The best way to attract more Canvasbacks, Red-heads, Bluebills and other diving ducks, is to establish good beds of Wild Celery—they love to feed on the tender roots, shoots, and leaves. Excellent for fish. Easy to grow throughout U.S. and Canada in 1 to 6 ft. hard fresh or slightly brackish, fairly clear water, on sand or coarse silt, fertile bottom—needs change of water — stands some waves and current. Plant 1000 roots per acre. ROOTS, 1000, \$20; 300, \$7.50; 100, \$3.*



SAGO POND PLANT (*Potamogeton pectinatus*)

One of the best all around duck foods in North America. Examinations of stomachs show that practically every species of American waterfowl feed on Sago. Both seeds and tender tubers of the plant are eagerly eaten. Examinations revealed 1,000 seeds in one Mallard stomach; 1,242 in a Redhead; 1,450 in a Canvasback and 1,520 seeds in a Ringneck Duck's stomach. Diving ducks dive down after the small tubers the plants produce in abundance. Its extensive root system makes it Carp-resistant. Stands considerable current and wave action.

FOOD AND SHELTER FOR GAME FISH

Plant throughout the U.S. and Canada in hard fresh, brackish or alkaline water, 1½ to 8 ft. deep, on sandy or mud bottom. You are almost certain of success when Sago Pond Plant is planted, as it grows easily, is very hardy and is adapted to a wide range of conditions. Plant 1000 tubers per acre. TUBERS, 1000, \$25; 100, \$4.*



MUSKGRASS

All parts of the plant eaten by many kinds of ducks. Grows submerged throughout U.S. and Canada, in hard fresh, brackish or alkaline water a few inches to 30 ft. deep (depending on clarity of water). Excellent for fish—low-growing, does not interfere with fishing. PLANTS, bu., \$6; 5 bu. (sows) 1 acre), \$25.

WIDGEON GRASS (*Ruppia*)

Excellent wild duck food for brackish and alkaline waters. Grows submerged. Plant in 1 to 6 ft. water, preferably on soft bottom. 6 bu. plants 1 acre. PLANTS, bu., \$10; 10 bu. or more \$8 bu.

COONTAIL

Quick-growing, submerged floating duck and fish food. Excellent shelter for game fish, harbors the aquatic insects and animal life fish eat. Ducks eat seeds and foliage. Scatter in shady or sunny places throughout U.S. and Canada, in rather quiet, sheltered spots, over any kind of bottom. \$6 bu.; 12 bu. (sows 1 acre), \$48.

NAIAS or BUSHY PONDWEED (*Najas flexilis*)

This is a combination duck and fish food plant that will grow almost anywhere in the U.S. and Canada in fresh or brackish waters. It will attract and hold the Teal, Mallards and Pintails besides many other varieties of ducks that feed on the tiny seeds produced by these plants. Makes food and shelter for fish. Low-growing. Does not interfere with fishing. We furnish these plants covered with well ripened seeds in the Fall only. Order early to avoid disappointment. \$6 per bu.; 5 bu. (plants 1 acre), \$25.

BASSWEED - READHEAD GRASS (*P. richardsonii*)

Wild ducks feed on its seeds, rootstocks and other vegetative portions of the plants. Grows in fresh, brackish, alkaline lakes, ponds, streams, in 1 to 6 ft. of water, on mud or sandy soils. Excellent food for marsh and diving ducks. Makes food and shelter for bass and other game fish. ROOTS, plant 1000 per acre. 1000, \$22; 300, \$9; 100, \$4.*

IMPROVE YOUR FISHING

When stocking your waters with game fish, be SURE to establish plenty of natural food and shelter for them, afforded by the aquatic plants listed in the foregoing pages. These plants support and encourage production of the small aquatic insect and animal life game fish feed on. The shelter afforded by these plants is vitally important to baby fish, insuring many more of them reaching maturity.

*Roots and Tubers weighted, ready to drop into the water, @ .50 per 100 additional.



Wild Life Foods *insure good hunting*

Many sportsmen are establishing their own private shooting areas for pheasants, quail and other game. However, the finest cover in the country will not hold the birds that are stocked on these areas unless there is also an abundance of food. We have specialized in supplying only the very finest, **proven** favorite foods of game and all our materials are covered with our regular **GUARANTEE** to produce what you consider a very satisfactory growth, so why experiment? Our natural foods will keep the game on your place from wandering off to supply sport for someone else at your expense and these same foods will serve to attract game from miles around and hold them on your place to insure you the very best of sport. You have an investment in equipment and in your place, so why not realize the most from it by insuring plenty of birds by planting their favorite foods to hold and attract them?

DUCK HUNTERS! AWAKE!

Do your part to **INCREASE THE DUCK POPULATION** by establishing natural feeding, nesting and breeding grounds at your own water and marsh areas—stock waters near you. If you want **MORE DUCKS**, and **BETTER SPORT**, you'll have to do some **SOWING**, in order to do some **REAPING**. **PRODUCTION** of ducks must be increased to provide the present generation of sportsmen and posterity with an ever-abundant supply of wild ducks. Man must help Nature **produce a bigger crop of ducks**. YOU provide a natural habitat, natural nesting and breeding grounds, well stocked with natural foods (for Ducks Must Eat), and more wild ducks will nest and rear their young. — **UTILIZE OUR TREMENDOUS NATURAL REPRODUCTIVE FORCES** by providing conditions favorable for reproduction.

Plantings of shoreline and shallow-water duck foods protect shore lines, conserve water areas, provide natural nesting sites, shelter for young ducklings, and plenty of food!

WILD RICE FOR TABLE USE!



Fancy Parched Wild Rice for Table Use. 1 lb. makes 15 generous servings. **POSTPAID, \$2.95 per lb.** Recipes in each package.

Try a pound today!

WILD DUCK MILLET (Echinochloa crus-Galli)

Another of the finest natural attractions for wild ducks, geese, quail, doves, song birds, for planting in most every section, of the country. May be planted on mud flats, around the edges of any water areas or on fields adjacent to your duck ponds, and may be planted on areas left exposed by receding waters; excellent where Fall rains flood planted areas.

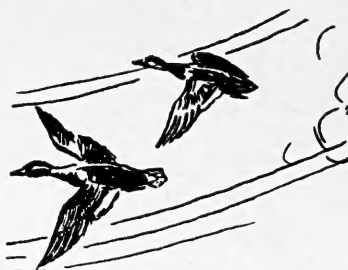


A typical growth from our Wild Duck Millet Seed, near Chandlerville, Ill. Lower picture shows duck food produced 55 days after planting area pictured at top. Please note size of seed heads.

We recommend a progressive planting from early in the season until about August 10th to insure an abundance of food available from the very beginning of the season. The result will be a stand of the finest food for the ducks that will not only attract the birds in flocks, but will hold them and give you some of the finest sport you have ever had.

Quick growing—it matures in about 60 days.

GRADE A1 Seed, free of any objectionable weed seeds. 100 lbs. (sows 4 acres) \$18; 25 lbs., \$5.



SOME CONDITIONS WHERE OUR PLANTS WILL GROW

**PLANT IN DRY TO MOIST SOIL,
ADJACENT TO WATER OR FLOODED
DURING THE DUCK SEASON**

Wild Duck Millet	Giant Smartweed	Chufa or Nut
Duck Wheat	Sesbania	Grass
Marsh Smartweed	False Bittersweet	Reed Canary Grass

IN FRESH WATER SLOUGHS, PONDS, LAKES AND RIVERS

Bur Reed	Wapato Duck Potato	Ducks Meat
Three-square Bulrush	Deep Water Duck	Coontail
Cattail	Potato	Wampee Duck Corn
Sweet Flag	Marsh Smartweed	American Lotus
Wild Celery	Great Bulrush	White Waterlily
Wild Rice	Sago Pond Plant	Water Cress
Muskgrass	Redhead Grass	

FOR ACID WATERS

Wampee Duck Corn	Deep Water Duck	Great Bulrush
Sweet Flag	Potato	American Lotus
Wapato Duck Potato	Cattail	White Waterlily

FOR BRACKISH WATERS

Wampee Duck Corn	Redhead Grass	Muskgrass
Widgeon Grass	Wild Celery	Spartina
Sago Pond Plant	Giant Smartweed	
Three-square Bulrush	Salicornia	

**ALL OF THE ABOVE, EXCEPT WILD CELERY,
WILL GROW WELL IN ALKALINE WATERS**

FOR SALT WATERS

Widgeon Grass	Spartina	Salicornia
	Salt Marsh Bulrush	

**SUBMERGED PLANTS . . . Plants that grow
on, or below the surface of the water**

Ducks Meat	Wild Celery	White Waterlily
Coontail	Sago Pond Plant	Muskgrass
Redhead Grass	Widgeon Grass	

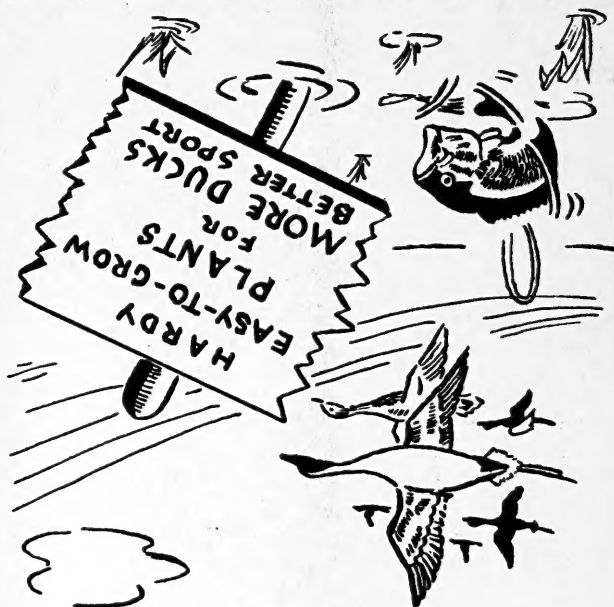
**EMERGED PLANTS . . . Plants that grow
above the surface of the water**

Wild Rice	Sweet Flag	Marsh Smartweed
Bur Reed	Wapato Duck Potato	Great Bulrush
Three-square Bulrush	Deep Water Duck	Wampee Duck Corn
Cattail	Potato	American Lotus

FIRST CLASS MAIL

POSTMASTER: If forwarded to new address notify us on Form 3547. If not delivered, return to us. Postage guaranteed in either case.

WILD LIFE NURSERIES
P. O. BOX 399
OSHKOSH, WISCONSIN, U.S.A.



Wild Life Foods *insure good hunting*

LEGALITY OF NATURAL DUCK FOODS

Gentlemen:

Not only does the Biological Survey have no intention of recommending any prohibition against the shooting of migratory waterfowl on marshlands that have been artificially planted with natural food plants. On the contrary, we are constantly advocating this means of increasing the natural supply of food for our ducks and geese. Growing food plants, whether present as a result of normal distribution or of artificial planting, cannot be considered in the same category as grain or other food deliberately scattered in a shooting area for the purpose of bringing the birds within range of the guns.

Sincerely yours,
IRA N. GABRIELSON,
Chief.



NEW YORK

"The Club has instructed me to write for your latest prices on your Wild Rice, Muskgrass and Naias. You will perhaps recall the last lot of plants shipped us which have produced an abundant growth and there are birds working in the marsh at this writing."

—A. C. Klinefeldt, N.Y.

CALIFORNIA

"Please reserve more Chufas and Wild Duck Millet seed for us. Our last lot did very well and the ducks worked our ponds thoroughly."

—J. C. Keyes, California

ILLINOIS

"We will need more of your Giant Wild Rice seed and Wild Celery seed. The trial planting made last Fall has produced a wonderful growth."

—C. J. Hogan, Illinois

OREGON

"Enclosed are a few photographs taken of our duck shooting lake to show you the splendid stand of Wild Rice we have developed from seed obtained from you, and we are greatly gratified with the results. In this connection, permit me to thank you for the interest you have at all times taken in our problems and for the promptness with which your orders were always executed."

—Frank C. Hesse, Oregon